	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L7	375	certificate$1 and (encrypt$3 near3 message$1) and (sign$3 near3 message$1) and (encrypt$3 near3 (session adj key))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 08:15			
2	BRS	L8	121	L7 and @ad<"20000728"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 08:28	Rev'd kwic/images		
3	BRS	L6	1214	certificate$1 and (encrypt$3 near3 message$1) and (sign$3 near3 message$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 08:40			
4	BRS	L9	31	(unsigned adj integer) with (four adj byte$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 08:28	REv'd kwic/images		

| 5 | BRS | L10 | 11 | L9 and @ad<"20000728" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/12/21 08:33 | | | |

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Err ors
6	BRS	L12	12	certificate$1 and (version with (additional adj field$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 08:46	Rev'd kwic/images		
7	BRS	L13	9	certificate$1 and ((subject or subscriber) with issuer with (two adj byte$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 08:49			
8	BRS	L14	10	certificate$1 and (ASCII with (validity or expiration))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 09:54	Rev'd kwic/images		
9	BRS	L15	9	certificate$1 and (ASCII same (validity or expiration) same "two digit month" same "two digit year")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 08:55	REv'd kwic/images		

10	BRS	L16	9	(ASCII same (validity or expiration) same "two digit month" same "two digit year")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 08:55			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
11	BRS	L17	2	"6766450".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 09:57			
12	BRS	L18	2	"20020107814".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 09:58			
13	BRS	L19	1	wo-200106701-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/21 09:59			

Google
Web

"x 509 certificate" "without date"   **Search**   Advanced Search
Preferences

Tip: Try removing quotes from your search to get more results.

Your search - **"x 509 certificate" "without date"** - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.

Also, you can try Google Answers for expert help with your search.

Google Home - Advertising Programs - Business Solutions - About Google

```
Set       Items    Description
S1        98540    CERTIFICAT? OR DIGITAL()SIGNATURE?
S2       670980    EXPIR? OR DATESTAMP? OR DATE OR DATING OR VALIDITY
S3       382069    TAG OR FLAG OR INDICATOR? OR TAGS OR FLAGS OR BYTE
S4         2629    S1 AND S2
S5           50    S3 AND S4
S6         2925    (WITHOUT OR SUBSTITUT? OR LACK? OR REPLAC?)(3N)S2
S7           18    S1 AND S6
S8           18    S7 NOT S5
S9          326    S1(3N)S2
S10          10    S1 AND (UNSIGNED()INTEGER? OR ASCII OR FOUR()BYTE)
S11         127    S2 AND (UNSIGNED()INTEGER? OR ASCII OR FOUR()BYTE)
S12          78    S5 OR S7 OR S10
S13          65    RD (unique items)
S14          46    S13 NOT PY>2001
S15          42    S14 NOT PY>2000
S16          42    S15 NOT PD=20000728:20020728
S17          42    S16 NOT PD=20020728:20041221
S18         985    DIGITAL()CERTIFICATE?
S19           0    S2 AND S3 AND S18
S20          44    S2 AND S18
S21          43    S20 NOT S12
S22          39    RD (unique items)
S23          24    S22 NOT PY>2000
File   8:Ei Compendex(R) 1970-2004/Dec W2
          (c) 2004 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2004/Dec
          (c) 2004 ProQuest Info&Learning
File 202:Info. Sci. & Tech. Abs. 1966-2004/Nov 02
          (c) 2004 EBSCO Publishing
File  65:Inside Conferences 1993-2004/Dec W3
          (c) 2004 BLDSC all rts. reserv.
File   2:INSPEC 1969-2004/Dec W2
          (c) 2004 Institution of Electrical Engineers
File  94:JICST-EPlus 1985-2004/Nov W2
          (c)2004 Japan Science and Tech Corp(JST)
File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Dec 17
          (c) 2004 The Gale Group
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
          (c) 2003 EBSCO Pub.
File   6:NTIS 1964-2004/Dec W1
          (c) 2004 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2004/Dec W1
          (c) 2004 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File  34:SciSearch(R) Cited Ref Sci 1990-2004/Dec W2
          (c) 2004 Inst for Sci Info
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
          (c) 2004 The HW Wilson Co.
File  95:TEME-Technology & Management 1989-2004/Jun W1
          (c) 2004 FIZ TECHNIK
```

00525091   99WI02-003
  E-commerce: digital signature technology
  Zhou, Tao
  Windows NT , February 1, 1999 , n42 p75-80, 5 Page(s)
  ISSN: 1083-138X
  Languages: English
  Document Type: Articles, News & Columns
  Geographic Location: United States
  Describes digital signature technology and its role in electronic
commerce. Explains message hashing and encryption, how public and private
keys work, and two public key trust models, direct and third-party.
Discusses how the third-party model uses the Certificate Authority (CA), a
trustworthy organization that certifies public keys and publishes the
Certificate Revocation List (CRL). Examines the use of time stamping to
guarantee a document's **validity** . Reports on the functions of several
software produ have included digital signature functionality into their se
applications. Suggests how to determine the appropriate digital signature
solution, including public key infrastructure (PKI) decisions and where to
publish CA information. Includes diagram, one screen display, and one
sidebar. (amg)
  Descriptors: Electronic Commerce; **Digital Certificates** ; Security;
  Privacy

```
Set       Items   Description
S1        13999   CERTIFICAT? OR DIGITAL()SIGNATURE?
S2        50415   EXPIR? OR DATESTAMP? OR DATE OR DATING OR VALIDITY
S3       224762   TAG OR FLAG OR INDICATOR? OR TAGS OR FLAGS OR BYTE
S4          732   S1 AND S2
S5           14   S3 AND S4
S6          680   (WITHOUT OR SUBSTITUT? OR LACK? OR REPLAC?)(3N)S2
S7            8   S1 AND S6
S8            8   S7 NOT S5
S9          238   S1(3N)S2
S10         117   S9 AND IC=(G06F-017/60 OR H04L-009/00)
S11           0   S10 AND (UNSIGNED()INTEGER? OR ASCII()CHARACTER? OR FOUR()-
                  BYTE()VALUE?)
S12           1   S1 AND (UNSIGNED()INTEGER? OR ASCII OR FOUR()BYTE)
S13          29   S2 AND (UNSIGNED()INTEGER? OR ASCII OR FOUR()BYTE)
S14           8   S13 AND IC=(G06F-017? OR H04L-009?)
S15           8   S14 NOT (S8 OR S5)
S16           2   S10 AND (X509 OR X(N)509)
File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200481
         (c) 2004  Thomson Derwent
```

011332977   **Image available**
WPI Acc No: 1997-310881/199728
Related WPI Acc No: 1997-145096; 1997-272383; 1997-457062; 1998-145077;
  1998-145078; 1998-145079; 1998-456569; 1999-609395; 2001-624574;
  2002-643037; 2002-667520; 2003-120210; 2003-246389; 2003-254939;
  2003-804791
XRPX Acc No: N97-257508
  Certificate **management in cryptographic system - producing string
  indicating that** certificate **is still valid and sending it to requesting
  user to validate communication**
Patent Assignee: MICALI S (MICA-I)
Inventor: MICALI S
Number of Countries: 019 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 9720411   A1   19970605 WO 96US18476   A   19961118 199728   B

Priority Applications (No Type Date): US 95559533 A 19951116
Cited Patents: US 5261002; US 5450493
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
WO 9720411   A1 E   34 H04L-009/00
    Designated States (National): CA JP
    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
    NL PT SE

Abstract (Basic): WO 9720411 A
      The method of managing **certificates** in a communication system
  having a certifying authority involves having the certifying authority
  generate **certificates** by digitally signing a given piece of data. At
  a later point in time, the certifying authority produces a string that
  proves whether a particular **certificate** is currently valid without
  and also proving the validity of at least some other **certificates** .
      Preferably, the certifying authority provides the string to a third
  party who can then prove to a requesting party whether the particular
  certificate is currently valid **without** proving the **validity** of at
  least some other **certificates** .
      USE/ADVANTAGE - Facilitates management of public key **certificate**
  revocation without providing users with lists of revoked **certificates**
  . User receives specific information rather than large list.
      Dwg.1/1
Title Terms: CERTIFY; MANAGEMENT; CRYPTOGRAPHIC; SYSTEM; PRODUCE; STRING;
  INDICATE; CERTIFY; STILL; VALID; SEND; REQUEST; USER; VALID; COMMUNICATE
Derwent Class: W01
International Patent Class (Main): H04L-009/00
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013913094 . **Image available**
WPI Acc No: 2001-397307/200142
Related WPI Acc No: 2001-417424
XRPX Acc No: N01-292784
  Public key certificate **revocation method for electronic commerce,**
  involves embedding terminal hash value into public key certificate
Patent Assignee: SUDIA F W (SUDI-I)
Inventor: SUDIA F W
Number of Countries: 094 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200106701	A1	20010125	WO 2000US19163	A	20000714	200142	B
AU 200060970	A	20010205	AU 200060970	A	20000714	200142	

Priority Applications (No Type Date): US 99168002 P 19991130; US 99143852 P
  19990715; US 99147696 P 19990806; US 99149315 P 19990817; US 99154088 P
  19990915
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200106701	A1	E	76	H04L-009/30	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
    KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
    RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

| AU 200060970 | A | | | H04L-009/30 | Based on patent WO 200106701 |

Abstract (Basic): WO 200106701 A1
        NOVELTY - The **certification** authority request and receives
    terminal hash value (THV) corresponding to initial random value from an
    independent revocation service provider entity. The THV is embedded
    into public key **certificate** and private key digitally signs the
    certificate . An entity requests revocation from provider which ceases
    publication of valid periodic freshness **indicator** updates for the
    certificate .
        USE - For controlling access to data and network resource to
    provide privacy and authentication of data in electronic commerce on
    Internet.
        ADVANTAGE - Allows user to access numerous sources of web content
    such as stock market or industry research without needing to know or
    remember different login IDs and password for each service because
    tickets are provided in the weekly **expiration** dates.
        DESCRIPTION OF DRAWING(S) - The figure shows the schematic
    representation of public key **certificate** revocation method.
        pp; 76 DwgNo 3/4
Title Terms: PUBLIC; KEY; CERTIFY; METHOD; ELECTRONIC; EMBED; TERMINAL;
  HASH; VALUE; PUBLIC; KEY; CERTIFY
Derwent Class: T01; T05; W01
International Patent Class (Main): H04L-009/30
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014822331   **Image available**
WPI Acc No: 2002-643037/200269
Related WPI Acc No: 1997-145096; 1997-272383; 1997-310881; 1997-457062;
   1998-145077; 1998-145078; 1998-145079; 1998-456569; 1999-609395;
   2001-624574; 2002-667520; 2003-120210; 2003-246389; 2003-254939;
   2003-804791
XRPX Acc No: N02-508357
   Public key certificate **management method in communication system,**
   involves producing string which proves validity **of particular**
   certificate   without **proving** validity **of other** certificate
Patent Assignee: MICALI S (MICA-I); CORESTREET LTD (CORE-N)
Inventor: MICALI S
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020107814	A1	20020808	US 956038	P	19951024	200269	B
			US 95559533	A	19951116		
			US 97823354	A	19970324		
			US 99356745	A	19990719		
			US 2000483125	A	20000114		
			US 2001915180	A	20010725		
US 6766450	B2	20040720	US 956038	P	19951024	200448	
			US 95559533	A	19951116		
			US 97823354	A	19970324		
			US 99356745	A	19990719		
			US 2000483125	A	20000114		
			US 2001915180	A	20010725		

Priority Applications (No Type Date): US 956038 P 19951024; US 95559533 A
   19951116; US 97823354 A 19970324; US 99356745 A 19990719; US 2000483125 A
   20000114; US 2001915180 A 20010725
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020107814	A1		10	G06F-017/60	Provisional application US 956038
					Cont of application US 95559533
					Cont of application US 97823354
					Cont of application US 99356745
					CIP of application US 2000483125
					Cont of patent US 5666416
					Cont of patent US 5960083
					CIP of patent US 6292893
US 6766450	B2			H04L-009/00	Provisional application US 956038
					Cont of application US 95559533
					Cont of application US 97823354
					Cont of application US 99356745
					CIP of application US 2000483125
					Cont of patent US 5666416
					Cont of patent US 5960083
					CIP of patent US 6292893

Abstract (Basic): US 20020107814 A1
      NOVELTY - The **certificates** for users' public keys are produced by
   a certifying authority, after digitally signing in the data. The
   certifying authority produces a string which proves the current
   validity of a particular **certificate** , **without** proving **validity** of
   other **certificates** .
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
   following:
      (1) Off-line digital signing method; and
      (2) **Digital   signature** validity extension method.
      USE - For managing **certificate** in communication system to certify
   users' public keys.
      ADVANTAGE - Facilitates management of public key **certificate**

revocation without providing users with list of revoked **certificates** .
Reduces cost for managing the **certificates** by reducing size and
number of transmissions of **certificate** revocation lists among
participants in management scheme. Improves efficiency, since the
certifying authorities provide **certificate** **validity** information
without requiring a trusted directory. Prevents re-signing the
certificate by providing different one-time signature scheme, thereby
improving security.
    DESCRIPTION OF DRAWING(S) - The figure shows the communication
environment illustrating **certificate** management process.
    pp; 10 DwgNo 1/1
Title Terms: PUBLIC; KEY; CERTIFY; MANAGEMENT; METHOD; COMMUNICATE; SYSTEM;
  PRODUCE; STRING; PROVE; VALID; CERTIFY; PROVE; VALID; CERTIFY
Derwent Class: T01; W01
International Patent Class (Main): G06F-017/60; H04L-009/00
File Segment: EPI

014292367   **Image available**
WPI Acc No: 2002-113069/200215
XRPX Acc No: N02-084169
   **Modules registering method for computer system, involves granting or
   denying access to module, when module is judged to comply with access
   requirements**
Patent Assignee: STILES INVENTIONS LLC (STIL-N)
Inventor: STILES I J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6330608	B1	20011211	US 97828721	A	19970331	200215	B

Priority Applications (No Type Date): US 97828721 A 19970331
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6330608	B1		6	G06F-013/00	

Abstract (Basic): US 6330608 B1
     NOVELTY - A module loaded into a computer memory is checked for
compliance with the requirements for accessing the computer system. The
module is checked for **byte** code **validity** to determine whether the
module includes the required trademarked string. If the module complies
with requirement for access, access to module is granted, otherwise
denied.
     USE - For registering modules to control access to computer
systems, software, databases.
     ADVANTAGE - Enables validating a service provider for accessing the
computer system to check for computer viruses, version incompatibility
and omission of agreement strings. Protects the ownership rights of
computer system. Recognizes the valid, registered service providers
without incurring the costs and inefficiencies of **digital signature**
encoding, special purpose hardware devices, proprietary interfaces.
     DESCRIPTION OF DRAWING(S) - The figure shows a detailed flowchart
explaining the module registering process.
     pp; 6 DwgNo 2/2
Title Terms: MODULE; REGISTER; METHOD; COMPUTER; SYSTEM; ACCESS; MODULE;
  MODULE; JUDGEMENT; COMPLY; ACCESS; REQUIRE
Derwent Class: T01
International Patent Class (Main): G06F-013/00
File Segment: EPI